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Docket No.: 30365/39652
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Michael L. Bolind et al.

Application No.: 10/788,871

Confirmation No.: 7113

Filed: February 27, 2004

Art Unit: 1755

For: HIGH EFFICIENCY REFRACTORYLESS
KETTLE

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Per the waiving of the requirement under 37 CFR 1.98 (a)(2)(i), submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003, copies of each of the U.S. patent references on the PTO/SB/08 are not attached. However, the foreign and non-patent related documents are attached.

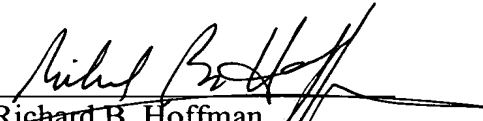
While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30365/39652. A duplicate copy of this paper is enclosed.

Dated: June 28, 2004

Respectfully submitted,

By 
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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------------|
| Application Number | 10/788,871-Conf. #7113 |
| Filing Date | February 27, 2004 |
| First Named Inventor | Michael L. Bolind |
| Art Unit | 1755 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 30365/39652 |

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | A1 | 2,261,872-B1 | 11-04-1941 | Choate | |
| | A2 | 3,236,509-B1 | 02-22-1966 | Blair | |
| | A3 | 3,307,840-B1 | 03-07-1967 | Conroy Jr. | |
| | A4 | 3,307,915-B1 | 03-07-1967 | Conroy et al. | |
| | A5 | 3,378,246-B1 | 04-16-1968 | Leding | |
| | A6 | 3,576,599-B1 | 04-27-1971 | Anderson et al. | |
| | A7 | 3,669,435-B1 | 06-13-1972 | Silverberg | |
| | A8 | 3,871,829-B1 | 03-18-1975 | Keith et al. | |
| | A9 | 3,901,645-B1 | 08-26-1975 | Rowland | |
| | A10 | 4,113,836-B1 | 09-12-1978 | O'Connor | |
| | A11 | 4,117,070-B1 | 09-26-1978 | O'Neill | |
| | A12 | 4,161,390-B1 | 07-17-1979 | Page et al. | |
| | A13 | 4,176,157-B1 | 11-27-1979 | George et al. | |
| | A14 | 4,188,186-B1 | 02-12-1980 | Ladwig | |
| | A15 | 4,215,981-B1 | 08-05-1980 | von Dreusche, Jr. | |
| | A16 | 4,227,873-B1 | 10-14-1980 | Manshausen et al. | |
| | A17 | 4,238,238-B1 | 12-09-1980 | Kinkade et al. | |
| | A18 | 4,522,587-B1 | 06-11-1985 | Miller | |
| | A19 | 4,576,573-B1 | 03-18-1986 | Ruehenbeck | |
| | A20 | 4,626,199-B1 | 12-02-1986 | Bounini | |
| | A21 | 4,629,419-B1 | 12-16-1986 | Ward et al. | |
| | A22 | 4,744,961-B1 | 05-17-1988 | Bounini | |
| | A23 | 4,744,963-B1 | 05-17-1988 | Dozsa et al. | |
| | A24 | 4,915,623-B1 | 04-10-1990 | Ball et al. | |
| | A25 | 5,007,825-B1 | 04-16-1991 | Williams | |
| | A26 | 5,011,668-B1 | 04-30-1991 | Ball et al. | |
| | A27 | 5,139,749-B1 | 08-18-1992 | White | |
| | A28 | 5,743,728-B1 | 04-28-1998 | Cloud et al. | |
| | A29 | 5,743,954-B1 | 04-28-1998 | Rowland et al. | |
| | A30 | 5,927,968-B1 | 07-27-1999 | Rowland et al. | |
| | A31 | 5,954,497-B1 | 09-21-1999 | Cloud et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | B1 | DE-169,737-A1 | 04-18-1906 | Opitz et al. | | |
| | B2 | DE-1,558,080-A1 | 01-12-1970 | Stemmler | | |
| | B3 | GB-1,018,464-A1 | 01-26-1966 | BPB (Holdings) Limited | | |
| | B4 | GB-1,087,549-A1 | 10-18-1967 | BPB Industries Limited | | |
| | B5 | GB-1,198,807-A1 | 07-15-1970 | Imperial Chemical Industries | | |
| | B6 | GB-1,488,665-A1 | 10-12-1977 | BPB Industries Limited | | |
| | B7 | GB-2,043,219-A1 | 10-01-1980 | BPB Industries Limited | | |

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| Examiner Signature | | Date Considered | |
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| | | | | Attorney Docket Number | 30365/39652 |
| Sheet | 2 | of | 1 | | |

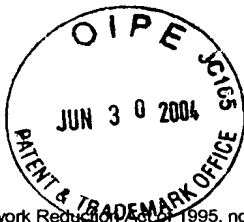
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | C1 | Page from Babcock-BSH catalog showing rotary drum calciners with coolers. Germany. Such rotary calciners were first used in 1925 | |
| | C2 | Page from Krupp Polysius catalog showing POLCAL calcining system. Netherlands. One such calcining system was in use starting in 1993. | |
| | C3 | BRITISH GYPSUM LIMITED, "High Efficiency Calcining of Gypsum", 1998, pp. 1-8 | |

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Application No: 10/788,871

Attorney Docket No.: 30365/39652

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